Seminars in
Oncology

Cancer Chemotherapy and Pharmacology

VOL 20, NO 1 **FEBRUARY 1993**

Table of Contents

Introduction: Opening the Therapeutic Window ..... *Richard L. Schilsky* 1

Regional Chemotherapy ..... *William D. Ensminger* 3

Targeted Drug Delivery ..... *Brian Leyland-Jones* 12

Clinical Pharmacokinetics and Pharmacodynamics of Anticancer Drugs in Children
John H. Rodman, Mary V. Relling, Clinton F. Stewart, Timothy W. Synold, Howard McLeod, Christine Kearns, Norbert Stute, William R. Crom, and William E. Evans 18

Individualizing Dosing of Cancer Chemotherapy ..... *Ken Kobayashi and Mark J. Ratain* 30

Cancer Pharmacology in the Elderly ..... *Merrill J. Egorin* 43

Cellular Pharmacodynamics of Anticancer Drugs ..... *William Plunkett and Varsha Gandhi* 50

Drug Resistance Modulation in the Laboratory and the Clinic ..... *William S. Dalton* 64

Interactions of Chemotherapy and Radiation ..... *Everett E. Vokes* 70

Chemotherapy Drug Interactions With Biological Agents ..... *Mario Sznol and Dan L. Longo* 80

Hematopoietic Colony-Stimulating Factors and Dose Intensity ..... *William P. Petros and William P. Peters* 94

Seminars in
Oncology

Lung Cancer, Part 1

VOL 20, NO 2 **APRIL 1993**

Table of Contents

Introduction ..... *Faith E. Nathan* 103

The Biology of Lung Cancer ..... *Gary E. Richardson and Bruce E. Johnson* 105

Chemoprevention of Lung Cancer ..... *Martin H. Huber, Jin S. Lee, and Waun K. Hong* 128

Imaging in Lung Cancer ..... *Charles S. White, Philip A. Templeton, and Chandra P. Belani* 142

Small-Cell Lung Carcinoma: An Evolving Histopathological Spectrum ..... *Peter A. McCue and Gerald C. Finkel* 153

Advances in Surgical Staging and Therapy of Non–Small-Cell Lung Cancer
David J. Sugarbaker and Gary M. Strauss 163

The Evolving Role of Radiation Therapy in the Treatment of Locally Advanced Lung Cancer
Mark B. Hazuka and Andrew T. Turrisi, III 173

New Chemotherapeutic Agents in Non–Small-Cell Lung Cancer ..... *Ellen G. Feigal, Michaele Christian, Bruce Cheson, Michael Grever, and Michael A. Friedman* 185

Seminars in
Oncology

Unknown Primary

VOL 20, NO 3 **JUNE 1993**

Table of Contents

Introduction: Unknown Primary Tumor.....*John D. Hainsworth and F. Anthony Greco* 205

Pathological Evaluation of Neoplasms With Unknown Primary Tumor Site.....*Bruce Mackay and Nelson G. Ordonez* 206

Genetic Analysis in the Diagnosis of Neoplasms of Unknown Primary Tumor Site
David H. Ilson, Robert J. Motzer, Eduardo Rodriguez, R.S.K. Chaganti, and George J. Bosl 229

The Biology of Unknown Primary Tumors.....*James L. Abbruzzese, Renato Lenzi, Martin N. Raber, Sen Pathak, and Philip Frost* 238

Diagnostic Evaluation of Patients With Carcinoma of Unknown Primary Tumor Site
Robert J. Leonard and J. Scott Nystrom 244

Use of Biological Markers in the Diagnosis of Cancers of Unknown Primary Tumor
Raymond W. Ruddon and Sheila E. Norton 251

Empirical Chemotherapy for Adenocarcinoma of Unknown Primary Tumor Site
Jonathan R. Sporn and Bernard R. Greenberg 261

Management of Peritoneal Carcinomatosis of Unknown Primary Tumor Site
Franco M. Muggia and Joaquina Baranda 268

Diagnosis and Management of Squamous Cell Carcinoma of Unknown Primary Tumor Site of the Neck.....*F. de Braud and Muhyi Al-Sarraf* 273

Poorly Differentiated Carcinoma and Poorly Differentiated Adenocarcinoma of Unknown Primary Tumor Site.....*John D. Hainsworth and F. Anthony Greco* 279

Poorly Differentiated Neuroendocrine Carcinoma of Unknown Primary Tumor Site
George C. Garrow, F. Anthony Greco, and John D. Hainsworth 287

Seminars in Oncology

Lung Cancer, Part 2

VOL 20, NO 4 **AUGUST 1993**

Table of Contents

Lung Cancer: Where Do We Go From Here? ..... *Gary E. Fishbein* 295

Chemotherapy Outcomes in Advanced Non–Small-Cell Lung Carcinoma ..... *Randal J. Liu* 296

Multimodality Management of Regionally Advanced Non–Small-Cell Lung Cancer
Chandra P. Belani 302

Recent Developments in Chemotherapy Treatment of Small-Cell Lung Cancer
David H. Johnson 315

Mechanisms of Drug Resistance in Human Lung Cancer Cells ..... *L. Austin Doyle* 326

Prophylactic Cranial Irradiation in Small-Cell Lung Cancer ..... *David T. Harris* 338

Immunotherapy of Lung Cancer ..... *Gary E. Fishbein* 351

Biological Markers in Smoking Cessation Treatment ..... *Caryn Lerman, C. Tracy Orleans, and Paul F. Engstrom* 359

Potential Application of Gene Therapy to Lung Cancer ..... *De-chu Tang and David P. Carbone* 368

Early Detection of Lung Cancer ..... *Eva Szabo, Michael J. Birrer, and James L. Mulshine* 374

Lung Cancer: Recent Changes and Expectations of Improvements ..... *Joseph Aisner and Chandra P. Belani* 383

Seminars in
Oncology

Surgical Management of Recurrent Cancer

VOL 20, NO 5 **OCTOBER 1993**

Table of Contents

Introduction: Surgical Management of Recurrent Cancer.....*Burton L. Eisenberg* 399

Recurrent Cutaneous Melanoma: A Surgical Perspective .....*Raymond S.W. Yeung* 400

Squamous Cancer of the Head and Neck: Surgical Treatment of Local and Regional Recurrence.....*John A. Ridge* 419

Considerations for Reconstruction After Surgery for Recurrent Cancer.....*Joseph F. Kusiak* 430

Treatment of Intrathoracic Recurrent Non–Small-Cell Lung Cancer.....*Steven M. Keller* 446

Part I: Diagnosis and Surgical Management of Locally Recurrent Soft-Tissue Sarcomas of the Extremity.....*Edward R. Sauter, John P. Hoffman, and Burton L. Eisenberg* 451

Part II: Diagnosis and Management of Distant Recurrence in Soft-Tissue Sarcomas *Todd E. Gardner and John M. Daly* 456

The Role of Surgery in the Management of Recurrent Gynecologic Cancer....*W. Michael Hogan and Matthew P. Boente* 462

Surgical Management of Recurrent Genitourinary Malignancies .....*Richard E. Greenberg, Robert S. Charles, A. Michael Samaha, Mark Chelsky, and Scott Rosen* 473

Surgical Management of Recurrent Liver Tumors .....*Rory R. Dalton and Burton L. Eisenberg* 493

Isolated Locally Recurrent Rectal Cancer: A Review of Incidence, Presentation, and Management.....*John P. Hoffman, Lee Riley, Ned Z. Carp, and Samuel Litwin* 506

Surgical Considerations in Nonhepatic Intra-Abdominal Recurrence of Carcinoma of the Colon .....*John L. Gwin and Elin R. Sigurdson* 520

Nutritional Consequences of Reoperative Surgery in Recurrent Malignancy.....*Faith D. Ottery* 528

Recurrent Breast Cancer: Presentation, Diagnosis, and Treatment .....*Lori Jardines, Linda S. Callans, and Michael H. Torosian* 538

Erratum..... 551

Seminars in
Oncology

Benign Lymphoproliferative Disorders

VOL 20, NO 6 **DECEMBER 1993**

Table of Contents

Introduction: Benign Lymphoproliferative Disorders ..... *Bruce A. Peterson and Glauco Frizzera* 553

Anatomy and Histophysiology of Lymphoid Tissue ..... *C. De Wolf-Peeters and J. Delabie* 555

Clinical Approach to Lymphadenopathy ..... *Gerassimos A. Pangalis, Theodoros P. Vassilakopoulos, Vassiliki A. Boussiotis, and Phaedon Fessas* 570

Immunophenotypic and Immunogenotypic Approaches Useful in Distinguishing Benign and Malignant Lymphoid Proliferations ..... *Daniel M. Knowles* 583

Autoimmune and Iatrogenic Causes of Lymphadenopathy ..... *Glenn H. Segal, John D. Clough, and Raymond R. Tubbs* 611

Angioimmunoblastic Lymphadenopathy With Dysproteinemia ..... *Carl E. Freter and Jeffrey Cossman* 627

Multicentric Castleman's Disease ..... *Bruce A. Peterson and Glauco Frizzera* 636

Uncommon Syndromes of Reactive Lymphadenopathy ..... *John K.C. Chan and William Y.W. Tsang* 648

Editorial: The Epstein-Barr Virus and the Distinction Between Benign and Malignant Lymphoproliferative Processes ..... *J.W. Yarbro* 658

Special Report: Hormone Replacement Therapy: Benefits and Risks for the General Postmenopausal Female Population and Women With a History of Previously Treated Breast Cancer ..... *Avrum Z. Bluming* 662

Annual Indexes 675